

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD OF MAKING A PATTERNED MAGNETIC RECORDING HEAD**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

OPPENHEIMER WOLFF & DONNELLY LLP

Harold D. Jastram, Reg. No. 19,777

Chad A. Klingbeil, Reg. No. 33,002

Craig J. Lervick, Reg. No. 35,244

Daniel G. Chapik, Reg. No. 43,424

Send correspondence to: Daniel G. Chapik, Oppenheimer Wolff & Donnelly LLP, Plaza VII, Suite 3400, 45 South Seventh Street, Minneapolis, MN 55402. Direct telephone calls to Daniel G. Chapik at (612) 607-7386.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor: Matthew P. Dugas

Inventor's Signature

2-23-99

Date

Residence: St. Paul, Minnesota

Citizenship: USA

Post Office Address: 2324 Valentine Avenue, St. Paul, MN 55108

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Matthew P. Dugas		
Appln. No.:	09/922,546		
Filed:	August 3, 2001	Examiner:	Unknown
Title:	Method of Making a Patterned Magnetic Recording Head	Group Art Unit:	3729

REVOCATION OF POWER OF ATTORNEY
AND APPOINTMENT OF NEW AGENT

Commissioner for Patents
Washington, D.C. 20231

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, Washington, D.C. 20231 on this 29 day of April, 2002.

(Signature)

Dear Sir:

Advanced Research Corporation, the assignee of the above-identified patent application 09/922,546 by virtue of an assignment document recorded in the U.S. Patent and Trademark Office on April 13, 1999 (copy enclosed) hereby revokes all previously-filed powers of attorney in connection with said application and appoints the attorneys associated with Customer Number 25763, currently James H. Ackley (45,695), Ronald J. Brown (29,016), David E. Bruhn (36,762), David N. Fronek (25,678); Theresa Hankes (45,501); Lori J. Heinrichs (43,667) Stuart R. Hemphill (28,084), Jason R. Kraus (42,765); Kenneth E. Levitt (39,747), Scott A. Marks (44,902), Devan Padmanabhan (38,262), Scott D. Rothenberger (41,277), Sean D. Solberg (48,653), Gerald H. Sullivan (37,243), Jonar J. Tolentino (46,184), Jon F. Tuttle (25,713), and Min (Amy) S. Xu (39,536), all of:

Dorsey & Whitney LLP
Suite 1500
50 South Sixth Street
Minneapolis, Minnesota 55402-1498

as his/her attorneys to transact all business in the Patent and Trademark Office in connection with said patent application.

Address all telephone calls to: Daniel G. Chapik at (612) 343-7955.

Address all correspondence to: Daniel G. Chapik at Dorsey & Whitney LLP, Suite 1500, 50 South Sixth Street, Minneapolis, Minnesota 55402-1498.

Respectfully submitted,

Date: 4-25-02

Signed: Matthew Dugay
Name: Matthew Dugay
Title: CEO
Address: Advanced Research Corp.
815 14th St Ave SE
Mpls., MN 55414